

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/819,249

DATE: 07/12/2006
TIME: 13:40:14

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ENTERED

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3 <110> APPLICANT: Waldman, Scott A.
4      Park, Jason
5      Schulz, Stephanie
7 <120> TITLE OF INVENTION: Compositions And Methods For Identifying And Targeting Cancer Cells Of
8      Alimentary Canal Origin
10 <130> FILE REFERENCE: TJD2412
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/819,249
C--> 12 <141> CURRENT FILING DATE: 2001-03-27
12 <150> PRIOR APPLICATION NUMBER: 60/192,229
13 <151> PRIOR FILING DATE: 2000-03-27
15 <160> NUMBER OF SEQ ID NOS: 2
17 <170> SOFTWARE: PatentIn version 3.0
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 3787
21 <212> TYPE: DNA
23 <213> ORGANISM: Homo sapiens
24 <220> FEATURE:
25 <221> NAME/KEY: CDS
26 <222> LOCATION: (118)..(3335)
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31  atg aag aag ttg ctg ttg gac ttg gct ttg tgg tca ctg ctc ttc cag      165
32  Met Lys Thr Leu Leu Leu Asp Leu Ala Leu Trp Ser Leu Leu Phe Gln
33  1          5          10          15
34  ccc ggg tgg ctg tcc ttt agt tcc caa gta agt cag aac tgc cac aat      213
35  ccc gly tcc aen ser phe ser ser ala val ser gln asn cys his asn
36  20          25          30
37  ggc aac tat gaa atc agc gtc ctg atg atg ggc aac tca gcc ttt gca      261
38  Gly Ser Tyr Glu Ile Ser Val Leu Met Met Gly Asn Ser Ala Phe Ala
39  35          40          45
40  gaa ccc ctg aaa aac ttg gaa gat ggc gta aat gaa ggg ctg gaa ata      309
41  Cbu Pro Leu Lys Asn Leu Glu Asp Ala Val Asn Glu Gly Leu Glu Ile
42  50          55          60
43  gta aca gga cgt ctg caa aat gct ggc cta aat gta act gta aac gct      357
44  Val Arg Gly Arg Leu Gln Asn Ala Gly Leu Asn Val Thr Val Asn Ala
45  65          70          75          80
46  act ttc atc tat tca gaa ggt ctg att cat aac tca gcc gac tac caa      405
47  Thr Phe Met Tyr Ser Asp Gly Leu Ile His Asn Ser Gly Asp Cys Arg
48  85          90          95
49  aat aac acc tat gaa ggc ctc gac cta ctc aac aat att tca aat gca      453
50  Ser Ser Thr Cys Glu Glu Leu Asp Leu Leu Arg Lys Ile Ser Asn Ala
51  100          105          110
52  caa caa atg gac tat gtc ctc ata gaa ccc tca tat aca tac tcc aac      501
53  Gln Arg Met Gly Cys Val Leu Ile Gly Pro Ser Cys Thr Tyr Ser Thr
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55  ttc caa atg tac ctt gac aca gaa tta agc tac ccc atg atc tca gct      549

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RAW SEQUENCE LISTING

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Accession: U00000

Date: 1311114

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Output File: NC\REF\NC112981\REF1220114

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78	Thr	Asn	Asp	Leu	Pro	Phe	Lys	Thr	Tyr	Ser	Trp	Ser	Thr	Ser	Tyr	Val	
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82	Tyr	Lys	Asn	Gly	Thr	Glu	Thr	Glu	Asp	Cys	Phe	Trp	Tyr	Leu	Asn	Ala	
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86	Leu	Glu	Ala	Ser	Val	Ser	Tyr	Phe	Ser	His	Glu	Leu	Cys	Phe	Lys	Val	
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102	Val	Asp	Leu	Phe	Asn	Asp	Gln	Tyr	Leu	Glu	Asp	Asn	Val	Thr	Ala	Pro	
103					275						280			285			
105	gac	tat	atg	aaa	aat	gtc	ctt	gtt	ctg	acg	ctg	tct	ctt	ggg	aat	tcc	1029
106	Asp	Tyr	Met	Lys	Asn	Val	Leu	Val	Leu	Thr	Leu	Ser	Pro	Gly	Asn	Ser	
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109	ctt	cta	aat	agc	tct	tta	tcc	agg	aat	cta	tca	cca	aca	aaa	cga	gac	1077
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117	aag	ata	ttt	ctt	gaa	aat	gga	gaa	aat	att	acc	acc	ccc	aaa	ttt	gct	1173
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121	cat	gac	tta	aga	aat	ctc	act	ttt	gaa	gga	tat	gac	ggt	cca	atg	acc	1221
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125	tta	gat	gac	tat	gga	gat	gtt	gac	aat	acc	atg	gtg	ctt	ctg	tat	acc	1269
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127					370						375			380			
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RAW SEQUENCING LISTING

SEQUENCE FILE NAME: 03/09/2001\1319242

03/09/2001

1319242-114

SEQUENCE: A1XPRO.DAT

Output: 03/09/2001\1319242.raw

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149	cag aaa aaa tgg tcc cac att cct cct gaa aat atc ttt cct ctg gaa	1557						
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151	155		170		175		180	
153	acc aat gaa acc aat aat gtt aac ctc aag aat gat gat gtc aaa aga	1605						
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157	cga gat aca atc cag aga cta cga cag tgc aaa tac ctc aaa aag cga	1653						
158	Arg Asp Thr Ile Gln Arg Leu Arg Gln Cys Lys Tyr Val Lys Lys Arg							
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161	gtg att ctc aaa gat ctc aag ctc aat gat ggt aat ttc aat gaa aaa	1701						
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166	Gln Lys Ile Gln Leu Asn Lys Leu Leu Gln Ile Asp Tyr Tyr Thr Leu							
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177	att tcc tac cct gat ggc aca ttc atg gat tgg gag ttc aag atc tcc	1893						
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181	gtc ttg tat gac att gct aag gga atg tca tat ctg cac tcc agt aag	1941						
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193	cca aaa aac tac ctg tcc aca gct cca gaa cac ctc cct cca ggc aac	2085						
194	Pro Lys Lys Asp Leu Trp Thr Ala Pro Gln His Leu Arg Gln Ala Asn							
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RAW SEQUENCE LISTING
 PATENT APPLICATION NO. US/09/819,249

DATE: 12/17/2001
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201	atc	att	ctg	egg	aaa	gaa	acc	ttc	tac	act	ttg	agc	tgt	egg	gac	cgg	2181
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203			675					680					685				
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206	aaa	gln	leu	ile	phe	arg	val	gln	asn	ser	asn	gly	act	lys	trp	phe	
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218	asp	phe	lys	lys	ile	gln	thr	thr	leu	ala	lys	ile	phe	gly	leu	phe	
219				740				745					750				
221	cat	gac	caa	aaa	aat	gaa	agc	tat	atg	gat	acc	ttg	atc	cga	cgt	cta	2421
222	his	asp	gln	lys	asn	glu	ser	tyr	met	asp	thr	leu	ile	arg	arg	leu	
223				755				760					765				
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227			770				775					780					
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238	pro	glu	leu	tyr	glu	glu	val	thr	ile	tyr	phe	ser	asp	ile	val	gly	
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251	865				870				875				880				
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258	ala	leu	glu	ttc	leu	ser	phe	met	gly	thr	thr	glu	leu	glu	his	leu	
259				900				905					910				
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RAW SEQUENCE LISTING

PA-94-11, 122001

PATENT APPLICATION: US/09/819,249

TIMM: 13:49:14

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266 Ala Ala Gly Val val Gly Ile Lys Phe Pro Arg Tyr Cys Leu Phe Gly
267          930          935          940
269 gat acg gtc aac aca gcc tat agy atg gaa tcc act ggc ctc cct tta 2997
270 Asp Thr Val Asn Thr Ala Ser Arg Asn Glu Ser Thr Gly Leu Pro Leu
271          945          950          955          960
273 aqa att cac gta aat ggc tcc acc ala gcc atc atg aaq aga act gaa 3045
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275          965          970          975
277 tgc caa ttc ctt tat gaa gta aga aaq gaa aca tac tta aag gga aga 3093
278 Cys Ala Phe Leu Tyr Glu Val Arg Gly Gln Thr Tyr Leu Lys Gly Arg
279          980          985          990
281 gaa gat gag act acc tac tgg ctg act ggg atg aag gac caa aaa ile 3141
282 Gly Asn Glu Thr Thr Tyr Trp Ser Thr Gly Met Lys Asp Gln Lys Phe
283          995          1000          1005
285 aac aag cca acc cct cct act gta gag aat caa caa cgt ttg caa 3189
286 Asn Ser Pro Thr Pro Pro Thr Val Glu Asn Gln Gln Arg Leu Glu
287          1010          1015          1020
289 aca gaa tll lea gac atg att gcc aac lei tta caa aaa aga caa 3231
290 Ala Glu Phe Ser Asp Met Ile Ala Asn Ser Leu Gln Lys Arg Glu
291          1025          1030          1035
293 gaa gaa ggg ala aga age caa aaa ccc aga ggg gta gcc age tat 3276
294 Ala Ala Gly Ile Arg Ser Gln Cys Pro Arg Arg Val Ala Ser Tyr
295          1040          1045          1050
297 aca aaa ggc act ctg gaa tac ttg caa ctg aat acc aca gac aaq 3321
298 Lys Lys Gly Thr Leu Glu Tyr Leu Ala Leu Asn Thr Thr Asp Lys
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328 20 25 30
329 Gly Ser Tyr Gln Ile Ser Val Leu Met Met Gly Asn Ser Ala Phe Ala

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VERIFICATION SUMMARY

DATE: 04/11/2001

PATENT APPLICATION: US/09/819,249

TIME: 13:40:15

Input Set : A:\PTO.txt

Output Set : H:\CRF3\04112001\I819249.raw

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L:12 R:271 C: Current Filing Date differs, Replaced Current Filing Date